

CLAIMS:

Please amend the claims as follows.

Claim 1 (currently amended): A treatment apparatus of waste water containing oil and fat for a grease trap which is mounted on the already existing grease trap required to carry out the removal working of waste oil and fat and decomposes and treats waste oil and fat in the waste water containing oil and fat within the grease trap by use of an immobilized lipase, said treatment apparatus comprising a support plate mounted on the grease trap, a plurality of net bodies in a cylindrical shape containing an immobilized lipase through which waste water containing oil and fat can freely pass, and an agitating rod which is rotated and driven by a motor with the blades for agitating so that waste oil and fat in waste water containing oil and fat and water are uniformly mixed, wherein at least one agitating rod is installed at the position neighboring to two net bodies, and said a plurality of net bodies and said agitating rod are installed on said support plate.

Claims 2-6 (canceled)

Claim 7 (currently amended): The treatment apparatus of waste water containing oil and fat for a grease trap as claimed in Claim 1, in which heating means for heating waste water containing oil and fat is provided.

Claim 8 (canceled)

Claim 9 (currently amended): A grease trap equipped with a flow input pipe and a flow output pipe for removing waste oil and fat by accumulating waste water containing oil and fat

flown from said flow input pipe, wherein a support plate is provided on the upper portion of said grease trap, said support plate being provided with a plurality of net bodies in a cylindrical shape containing an immobilized lipase and through which waste water containing oil and fat and water can freely pass and an agitating rod which is rotated and driven by a motor with the plural blades for agitating so that waste oil and fat in waste water containing oil and fat and water are uniformly mixed,

wherein at least one agitating rod is installed at the position neighboring to two net bodies, thereby decomposing and treating waste oil and fat in waste water containing waste oil and fat by an immobilized lipase.

Claims 10-13 (canceled)

Claim 14 (currently amended): The grease trap as claimed in Claim 9, in which heating means for heating waste water containing oil and fat is provided.

Claim 15 (canceled)

Claim 16 (new): The treatment apparatus of waste water containing oil and fat for a grease trap as claimed in Claim 1, in which in the longitudinal direction of a net body, a stopper is provided, it is made so that the agitated immobilized lipase is not suspended on the upper portion of the net body, it can freely flow in waste water containing oil and fat.

Claim 17 (new): The treatment apparatus of waste water containing oil and fat for a grease trap as claimed in Claim 1 or 16, in which the bulk specific gravity of an immobilized lipase is in the range from 0.15 to 0.2.

Claim 18 (new): The grease trap as claimed in Claim 9, in which in the longitudinal direction of a net body, a stopper is provided, it is made so that the agitated immobilized lipase is not suspended on the upper portion of the net body, it can freely flow in waste water containing oil and fat.

Claim 19 (new): The grease trap as claimed in Claim 9 or 18, in which the bulk specific gravity of an immobilized lipase is in the range from 0.15 to 0.2.